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(71) Applicant (for all designated States except US): BEHR GMBH & CO. KG [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).

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(75) Inventors/Applicants (US only): KOMAREK, Eugen [DE/DE]; Jelinek Strasse 24, 68126 Heidelberg (DE). SCHALL, Matthias [DE/DE]; Am Sonnenweg 53, 70619 Stuttgart (DE). SCHULTEN, Otto [DE/DE]; Goethestrasse 50, 75428 Illingen (DE).

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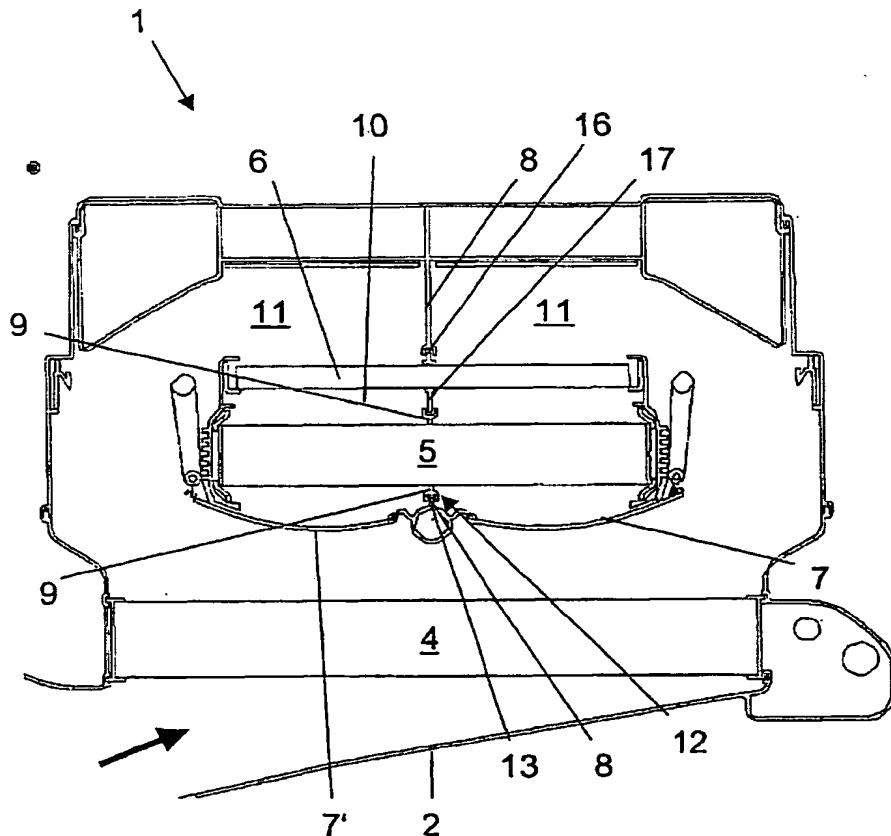
(74) Joint Representative: BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauserstrasse 3, 70469 Stuttgart (DE).

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(54) Title: MULTIZONE AIR CONDITIONING SYSTEM OF A MOTOR VEHICLE

(54) Bezeichnung: MEHRZONIGE KRAFTFAHRZEUG-KLIMAANLAGE



(57) Abstract: The invention relates to a multizone air conditioning system (1) of a motor vehicle, comprising, when observed from the direction of airflow, a regulating organ (7) for regulating the temperature, an evaporator (4) and a heating element (5), which are arranged in an air guiding housing (2). Said air guiding housing (2) has partition walls (8) and at least one partition element (9;16) for tightly separating the individual zones of the air conditioning system (1) in the heating element (5) and/or a heater (6), said partition wall cooperating with the partition walls (8) and/or partition elements (6; 19) of adjacent components or the network of the heating element is as wide as the adjacent collecting tanks of the heating element in the direction of airflow and is tightly and directly located on a partition wall.

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(57) **Zusammenfassung:** Die Erfindung betrifft eine mehrzonige Kraftfahrzeug-Klimaanlage (1), mit in Luftströmungsrichtung gesehen einem Regelorgan (7') zur Regelung der Temperatur, einem Verdampfer (4) und einem Heizkörper (5), die in einem Luftführungs-Gehäuse (2) angeordnet sind, wobei das Luftführungs- Gehäuse (2) Trennwände (8) aufweist, und mindestens ein Trennelement (9;16) zur dichten Abtrennung der einzelnen Zonen der Klimaanlage (1) am Heizkörper (5) und/oder an einem Zuheizer (6) vorgesehen ist, das mit den Trennwänden (8) und/oder Trennelementen (6; 19) benachbarter Komponenten zusammenwirkt, oder das Netz des Heizkörpers in Richtung der Luftströmungsrichtung so breit wie die benachbarten Sammeltanks des Heizkörpers ist und direkt an einer Trennwand dicht anliegt.